

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| L1    | 1    | WO-0245614-\$.did.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2009/06/04 16:30 |
| L2    | 6    | gubler-daniel\$.in.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2009/06/04 17:28 |
| L3    | 9    | Brodbeck-Urs\$.in.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2009/06/04 17:28 |
| L4    | 13   | 2 or 3   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2009/06/04 17:28 |
| L5    | 0    | ("2007/0275352").URPN.   | USPAT  | OR               | ON      | 2009/06/04 17:28 |
| L6    | 2    | de-4436231-\$.did.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2009/06/04 17:30 |
| L7    | 2    | ("4885199").PN.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2009/06/04 17:42 |
| L8    | 35   | ((disk or diskshaped or diskoid or dislike or disc or discshaped or dislike or discoid) and (unsintered or green or nonsintered) and (ceramic or ((zirconium or Zr) near3 oxide) or zirconiumoxide or Zroxide or Zr2O3) and (diameter or radius)).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2009/06/04 17:59 |
| S1    | 397  | Cadigan-E\$.xp.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2009/02/04 09:29 |
| S2    | 602  | (409/231).CCLS.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2009/02/04 09:29 |

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|-----|--------|---|--|----|-----|---------------------|
| S3  | 14     | S1 and S2   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/02/04<br>09:29 |
| S4  | 4      | ("7077391") or ("20020155412").<br>PN.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/02/04<br>10:17 |
| S5  | 2      | ("6905293").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/02/04<br>10:39 |
| S6  | 2      | de-4436231-\$ did.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/02/04<br>10:49 |
| S7  | 23     | wilson-adrian\$ .xa.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/02/04<br>11:08 |
| S8  | 23200  | (ceramic or ((zirconium or Zr) near3<br>oxide) or zirconiumoxide or Zroxide<br>or Zr2O3) with (disk\$4 or disc or<br>discs or discus or discoid\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/02/04<br>11:15 |
| S9  | 4938   | S8 with (size or diameter or mm or<br>in or millimeter or inch)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/02/04<br>11:16 |
| S10 | 1626   | S9 and (unsinter\$4 or green or sinter<br>\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/02/04<br>11:16 |
| S11 | 107    | S10 and (dental\$3 or dentist\$3 or<br>tooth or teeth)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/02/04<br>11:17 |
| S12 | 32     | ("6224371") or ("6482284") or<br>("6485305") or ("6627327") or<br>("6660400") or ("6669875") or<br>("6769912") or ("6775581") or<br>("6979496") or ("6991853") or<br>("7024272") or ("7214435") or<br>("7234938") or ("20060106485") or<br>("20060115794") or<br>("20070136031")).PN. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/02/04<br>11:19 |
| S13 | 201239 | "264"/\$.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/02/04<br>11:47 |

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| S14 | 1511   | S13 and ceramic and (isostatic\$4 near3 press\$4)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/02/04 11:47 |
| S15 | 1188   | S13 and ceramic and (isostatic\$4 near3 press\$4)  | USPAT  | OR | ON  | 2009/02/04 11:48 |
| S16 | 581817 | @pd>"20060101"   | USPAT  | OR | ON  | 2009/02/04 11:48 |
| S17 | 71     | S15 and S16  | USPAT  | OR | ON  | 2009/02/04 11:48 |
| S18 | 23200  | (ceramic or ((zirconium or Zr) near3 oxide) or zirconiumoxide or Zroxide or Zr2O3) with (disk\$4 or disc or discs or discus or discoid\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/02/04 13:02 |
| S19 | 4938   | S18 with (size or diameter or mm or in or millimeter or inch)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/02/04 13:02 |
| S20 | 1626   | S19 and (unsinter\$4 or green or sinter\$4)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/02/04 13:02 |
| S21 | 107    | S20 and (dental\$3 or dentist\$3 or tooth or teeth)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/02/04 13:02 |
| S22 | 2      | ("20030125189").PN.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/02/04 13:18 |
| S23 | 4      | ("5358645"   "5556816"   "5824089"   "5868879").PN. OR ("6165925").URPN.   | US-PGPUB; USPAT; USOCR                                   | OR | ON  | 2009/02/04 13:43 |
| S24 | 8      | Castro-Darren\$.in.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/02/04 13:48 |
| S25 | 23272  | (ceramic or ((zirconium or Zr) near3 oxide) or zirconiumoxide or Zroxide or ZrO2) with (disk\$4 or disc or discs or discus or discoid\$4)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/02/04 13:49 |
| S26 | 4971   | S25 with (size or diameter or mm or in or millimeter or inch)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/02/04 13:50 |

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| S27 | 1645 | S26 and (unsinter\$4 or green or sinter\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON  | 2009/02/04<br>13:50 |
| S28 | 107  | S27 and (dental\$3 or dentist\$3 or tooth or teeth)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON  | 2009/02/04<br>13:50 |
| S29 | 0    | S28 not S21  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON  | 2009/02/04<br>13:50 |
| S30 | 1162 | (428/542.8).CCLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | OFF | 2009/02/04<br>13:51 |
| S31 | 55   | S30 and (dental\$3 or dentist\$3 or tooth or teeth)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON  | 2009/02/04<br>13:51 |
| S32 | 54   | S31 not S21  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON  | 2009/02/04<br>13:51 |
| S33 | 997  | (501/103).CCLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | OFF | 2009/02/04<br>13:58 |
| S34 | 35   | S33 and (dental\$3 or dentist\$3 or tooth or teeth)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON  | 2009/02/04<br>13:58 |
| S35 | 15   | ("4595663"   "4748138"   "4753902"   "4983182"   "5122317"   "5358645"   "5556816").PN. OR ("5824089").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/02/04<br>14:03 |
| S40 | 2    | ("6165925").PN.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | OFF | 2009/02/11<br>08:11 |
| S41 | 2    | ("5824089").PN.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | OFF | 2009/02/11<br>08:12 |
| S42 | 4    | ("5358645"   "5556816"   "5824089"   "5868879").PN. OR ("6165925").URPN.                                     | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/02/11<br>08:12 |

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| S43 | 15 | ("4595663"   "4748138"   "4753902"   "4983182"   "5122317"   "5358645"   "5556816").PN. OR ("5824089").URPN.                                    | US-PGPUB; USPAT; USOCR                                    | OR | ON  | 2009/02/11 08:12 |
| S44 | 13 | S43 not S42   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;   BM_TDB | OR | ON  | 2009/02/11 08:12 |
| S45 | 1  | (zirconium near3 oxide) with (unsintered or green) with (disk or diskshaped or diskoid or disklike or disc or discshaped or dislike or discoid) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;   BM_TDB | OR | ON  | 2009/02/11 08:29 |
| S46 | 1  | ep-1982671-\$ did.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;   BM_TDB | OR | ON  | 2009/02/11 08:33 |
| S47 | 2  | wo-2008009474-\$ did.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;   BM_TDB | OR | ON  | 2009/02/11 08:34 |
| S48 | 1  | ep-1880691-\$ did.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;   BM_TDB | OR | ON  | 2009/02/11 08:34 |
| S49 | 1  | gb-2401074-\$ did.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;   BM_TDB | OR | ON  | 2009/02/11 08:35 |
| S50 | 2  | ("6280193").PN.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;   BM_TDB | OR | OFF | 2009/02/11 08:36 |
| S51 | 2  | ("6087285").PN.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;   BM_TDB | OR | OFF | 2009/02/11 08:36 |
| S52 | 17 | (zirconium) with (unsintered or green) with (disk or diskshaped or diskoid or disklike or disc or discshaped or dislike or discoid)             | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;   BM_TDB | OR | ON  | 2009/02/11 08:42 |
| S53 | 2  | wo-2005103339-\$ did.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;   BM_TDB | OR | ON  | 2009/02/11 08:56 |
| S54 | 2  | ("20020079604").PN.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;   BM_TDB | OR | OFF | 2009/02/11 08:58 |

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| S55 | :2 | ("5215948").PN.       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | OFF | 2009/02/11<br>09:00 |
| S56 | :0 | wo-1998034561-\$ did. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON  | 2009/02/11<br>09:03 |
| S57 | :0 | wo-98034561-\$ did.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON  | 2009/02/11<br>09:03 |
| S58 | :2 | wo-9834561-\$ did.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON  | 2009/02/11<br>09:03 |
| S59 | :2 | wo-2004086999-\$ did. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON  | 2009/02/11<br>09:18 |
| S60 | :1 | 2004-747839.NRAN.     | DERWENT   | OR | ON  | 2009/02/11<br>09:18 |
| S61 | :2 | de-4436231-\$ did.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON  | 2009/02/11<br>09:19 |
| S62 | :2 | ("6755651").PN.       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | OFF | 2009/02/11<br>09:20 |
| S63 | :2 | ("5447435").PN.       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | OFF | 2009/02/11<br>09:20 |
| S64 | :0 | wo-2003057067-\$ did. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON  | 2009/02/11<br>09:21 |
| S65 | :0 | wo-200357067-\$ did.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON  | 2009/02/11<br>09:21 |
| S66 | :0 | wo-0357067-\$ did.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON  | 2009/02/11<br>09:21 |

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| S67 | 1     | wo-03057067-\$ did.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON | 2009/02/11<br>09:22 |
| S68 | 17    | (zirconium) with (unsintered or green or nonsintered) with (disk or diskshaped or diskoid or disklike or disc or discshaped or dislike or discoid)      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON | 2009/02/11<br>09:25 |
| S69 | 2080  | (zirconium) with (disk or diskshaped or diskoid or disklike or disc or discshaped or dislike or discoid)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON | 2009/02/11<br>09:26 |
| S70 | 193   | (ceramic) with (unsintered or green or nonsintered) with (disk or diskshaped or diskoid or disklike or disc or discshaped or dislike or discoid)        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON | 2009/02/11<br>09:27 |
| S71 | 187   | S70 not S68   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON | 2009/02/11<br>09:27 |
| S72 | 204   | S70 or S68  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON | 2009/02/11<br>11:04 |
| S73 | 1     | (isostatic\$4 near3 press\$4) with (zirconium near3 oxide) with (disk or diskshaped or diskoid or disklike or disc or discshaped or dislike or discoid) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON | 2009/02/11<br>12:15 |
| S74 | 35    | (press\$4 or compact\$4) with (zirconium near3 oxide) with (disk or diskshaped or diskoid or disklike or disc or discshaped or dislike or discoid)      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON | 2009/02/11<br>12:16 |
| S75 | 2268  | (press\$4 or compact\$4) with (ceramic) with (disk or diskshaped or diskoid or disklike or disc or discshaped or dislike or discoid)                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON | 2009/02/11<br>12:21 |
| S76 | 94    | S75 and (dental\$3 or dentist\$3 or tooth or teeth)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON | 2009/02/11<br>12:22 |
| S77 | 40054 | "501"/\$.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON | 2009/02/11<br>12:35 |

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| S78 | 3782  | S77 and (disk or diskshaped or diskoid or disklike or disc or discshaped or dislike or discoid)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/02/11 12:35 |
| S79 | 2193  | S77 and ((disk or diskshaped or diskoid or disklike or disc or discshaped or dislike or discoid) with (diameter or radius or size or length or mm or millimeter or millimetre or cm or centimeter or centimetre or inch or dimension\$3))   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/02/11 12:36 |
| S80 | 95    | S77 and (((disk or diskshaped or diskoid or disklike or disc or discshaped or dislike or discoid) with (diameter or radius or size or length or mm or millimeter or millimetre or cm or centimeter or centimetre or inch or dimension\$3)) with (unsinter\$4 or nonsinter\$4 or green)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/02/11 12:37 |
| S81 | 2     | ("20040067839").PN.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/02/11 12:41 |
| S82 | 2     | ("20070275352").PN.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/02/11 12:43 |
| S83 | 3     | ("4820666"   "5338713"   "5728636").PN. OR ("7012036").URPN.  | US-PGPUB; USPAT; USOCR                                   | OR | ON  | 2009/02/11 12:44 |
| S84 | 109   | (silicon adj nitride) with (dental\$3 or dentist\$3 or tooth or teeth)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/02/11 13:02 |
| S85 | 6     | (silicon adj nitride) and (yttrium adj silicon adj oxynitride) and (dental\$3 or dentist\$3 or implant\$4 or biocompatible or biocompatable)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/02/11 13:06 |
| S86 | 6     | (yttrium adj silicon adj oxynitride) and (dental\$3 or dentist\$3 or implant\$4 or biocompatible or biocompatable)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/02/11 13:07 |
| S88 | 1749  | (yttrium) and (dental\$3 or dentist \$3)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/02/11 13:08 |
| S89 | 36324 | "409"/\$.ccls.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/02/11 13:29 |

|      |          |   |  |    |     |                  |
|------|----------|---|--|----|-----|------------------|
| S90  | 4469     | S89 and ((milling or machining or cutting) with (plural\$4 or multiple or (more near3 one)))  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;  BM_TDB | OR | ON  | 2009/02/11 13:30 |
| S91  | 1353     | S89 and ((milling or machining or cutting) with (plural\$4 or multiple or (more near3 one)) with (one or single) with (blank or part or work \$4 or workpiece)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;  BM_TDB | OR | ON  | 2009/02/11 13:31 |
| S92  | 30174279 | @pd<"20020404"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;  BM_TDB | OR | ON  | 2009/02/11 13:31 |
| S93  | 1098     | S91 and S92   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;  BM_TDB | OR | ON  | 2009/02/11 13:31 |
| S94  | 2        | ("4885199").PN.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;  BM_TDB | OR | OFF | 2009/02/11 13:35 |
| S95  | 2646     | silicon adj nitride adj ceramic   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;  BM_TDB | OR | ON  | 2009/02/11 13:36 |
| S96  | 0        | ("4443394andceramic").PN.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;  BM_TDB | OR | OFF | 2009/02/11 13:37 |
| S97  | 2        | ("4443394").PN.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;  BM_TDB | OR | OFF | 2009/02/11 13:37 |
| S98  | 1        | S97 and ceramic   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;  BM_TDB | OR | ON  | 2009/02/11 13:37 |
| S99  | 2        | ("7077391").PN.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;  BM_TDB | OR | OFF | 2009/06/03 10:06 |
| S100 | 6        | ("20040072121"   "4647414"   "5275987"   "5342696"   "5939211" "5989106").PN. OR ("7077391").URPN.  | US-PGPUB; USPAT; USOCR                                   | OR | ON  | 2009/06/03 10:06 |
| S101 | 23580    | (ceramic or ((zirconium or Zr) near3 oxide) or zirconiumoxide or Zroxide or Zr2O3) with (disk\$4 or disc or discs or discus or discoid\$4)                      | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;  BM_TDB | OR | ON  | 2009/06/03 10:14 |

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|------|-------|--|---|----|-----|---------------------|
| S102 | 5008  | S101 with (size or diameter or mm or in or millimeter or inch)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON  | 2009/06/03<br>10:14 |
| S103 | 1658  | S102 and (unsinter\$4 or green or sinter\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON  | 2009/06/03<br>10:14 |
| S104 | 110   | S103 and (dental\$3 or dentist\$3 or tooth or teeth)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON  | 2009/06/03<br>10:14 |
| S105 | 32    | ((("6224371") or ("6482284") or ("6485305") or ("6627327") or ("6660400") or ("6669875") or ("6769912") or ("6775581") or ("6979496") or ("6991853") or ("7024272") or ("7214435") or ("7234938") or ("20060106485") or ("20060115794") or ("20070136031"))).PN. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | OFF | 2009/06/03<br>10:17 |
| S106 | 0     | ("2009/0130634").URPN.   | USPAT   | OR | ON  | 2009/06/03<br>10:20 |
| S107 | 0     | ("2009/0023112").URPN.   | USPAT   | OR | ON  | 2009/06/03<br>10:21 |
| S108 | 197   | (ceramic) with (unsintered or green or nonsintered) with (disk or diskshaped or diskoid or disklike or disc or discshaped or dislike or discoid)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON  | 2009/06/03<br>10:22 |
| S109 | 3     | (ceramic) with (unsintered or green or nonsintered) with (disk or diskshaped or diskoid or disklike or disc or discshaped or dislike or discoid) with groov\$4   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON  | 2009/06/03<br>10:23 |
| S110 | 36437 | "409"/\$.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON  | 2009/06/03<br>10:30 |
| S111 | 31918 | "82"/\$.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON  | 2009/06/03<br>10:30 |
| S112 | 64781 | S110 or S111   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON  | 2009/06/03<br>10:30 |
| S113 | 793   | S112 and ((disk or diskshaped or diskoid or disklike or disc or discshaped or dislike or discoid) with groov\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON  | 2009/06/03<br>10:30 |

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|------|--------|--|--|----|-----|---------------------|
| S114 | 119    | S112 and (((disk or diskshaped or diskoid or disklike or disc or discshaped or dislike or discoid) with groov\$4) with (work\$4 or workpiece)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br> BM_TDB | OR | ON  | 2009/06/03<br>10:31 |
| S115 | 222    | (279/145).CCLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br> BM_TDB | OR | OFF | 2009/06/03<br>10:46 |
| S116 | 0      | ("3537714").URPN.  | USPAT  | OR | ON  | 2009/06/03<br>10:49 |
| S117 | 2      | ("20070275352").PN.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br> BM_TDB | OR | OFF | 2009/06/03<br>11:03 |
| S118 | 54     | (zirconium) and (unsintered or green) and (disk or diskshaped or diskoid or disklike or disc or discshaped or dislike or discoid)              | FPRS; EPO; JPO;<br>DERWENT;<br> BM_TDB                               | OR | ON  | 2009/06/03<br>11:21 |
| S119 | 422    | cadugan-E\$.xp.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br> BM_TDB | OR | ON  | 2009/06/03<br>11:30 |
| S120 | 259905 | "29"/\$.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br> BM_TDB | OR | ON  | 2009/06/03<br>11:30 |
| S121 | 154    | S119 and S120  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br> BM_TDB | OR | ON  | 2009/06/03<br>11:30 |
| S122 | 2      | jp-2000246728-\$ did.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br> BM_TDB | OR | ON  | 2009/06/03<br>11:32 |
| S123 | 71     | ergenbright-E\$.xa.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br> BM_TDB | OR | ON  | 2009/06/03<br>11:35 |
| S124 | 493    | S119 or S123   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br> BM_TDB | OR | ON  | 2009/06/03<br>11:35 |
| S125 | 25     | S124 and ((opposite near3 hand) or ((lefthand or (left adj hand)) and (righthand or (right adj hand))))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br> BM_TDB | OR | ON  | 2009/06/03<br>11:37 |

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|------|------|--|--|----|-----|------------------|
| S126 | :0   | S125 and ((rotary or rotat\$4) near3 ((oppos\$4) near3 direction))   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/06/03 11:38 |
| S127 | :30  | S124 and ((rotary or rotat\$4) near3 ((oppos\$4) near3 direction))   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/06/03 11:38 |
| S128 | :26  | ("1343276"   "1620536"   "1643679"   "20010041106"   "20020067965"   "20030012616"   "20050002746"   "2842015"   "4242020"   "4990036"   "5542792"   "5551811"   "5653152"   "5800098"   "6343902"   "6532849"   "6808342"   "6902355"   "6905278"   "6984094"   "7097400").PN. OR ("7363692").URPN. | US-PGPUB; USPAT; USOCR                                   | OR | ON  | 2009/06/03 11:40 |
| S129 | :1   | S128 and ((rotary or rotat\$4) near3 ((oppos\$4) near3 direction))   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/06/03 11:40 |
| S130 | :460 | (83/465).CCLS.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/06/03 12:37 |
| S131 | :113 | S130 and (groov\$4 or channel\$4)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/06/03 12:37 |
| S132 | :2   | ("4443394").PN.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/06/03 12:50 |
| S133 | :714 | (isostatic\$4) near3 (press\$4) near3 ceramic  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/06/03 12:54 |
| S134 | :0   | "0020155412"   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/06/03 13:10 |
| S135 | :2   | ("20020155412").PN.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/06/03 13:10 |

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|------|--------|--|---|----|-----|---------------------|
| S136 | :2     | ("7320799").PN.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | OFF | 2009/06/03<br>13:16 |
| S137 | :2     | ("7157096").PN.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | OFF | 2009/06/03<br>13:25 |
| S138 | :44992 | "269"/\$.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON  | 2009/06/03<br>13:34 |
| S139 | :34    | S138 and (((disk or diskshaped or<br>diskoid or disklike or disc or<br>discshaped or dislike or discoid)<br>with groov\$4) with (work\$4 or<br>workpiece)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | ON  | 2009/06/03<br>13:34 |
| S140 | :2     | ("20020010063").PN.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO;<br>DERWENT;<br>  BM_TDB | OR | OFF | 2009/06/03<br>14:34 |

6/4/09 6:05:45 PM

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